

FORM PTU-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office

Atty.  
Dkt. No.

M#

Client Ref.

0306592

OSP-15151

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: HASEGAWA et al.

Appln. No.: Divisional of 10/254,601 which is a divisional  
of 09/793,124

Filing Date: October 30, 2003

Date: October 29, 2003

Page 1 of 1

Examiner: Estrada, M.

Group Art Unit: 2823

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>AS</i>	AR U.S. 6,240,610 B1	06/2001	Ishihara et al.	29	25.01	
<i>AS</i>	BR U.S. 5,100,495 A	03/1992	Ohmi et al.	156	345.26	
<i>AS</i>	CR U.S. 5,716,495 A	02/1998	Butterbaugh et al.	438	708	
<i>AS</i>	DR U.S. 6,239,044 B1	05/2001	Kashiwagi et al.	438	787	
<i>AS</i>	ER U.S. 3,732,435 A	05/1973	Strandberg et al.	307	118	
<i>AS</i>	FR U.S. 4,475,080 A	10/1984	Walker, Charles W. E.	324	640	
<i>AS</i>	GR U.S. 5,584,971 A	12/1996	Komino, Mitsuaki	204	192.13	
<i>AS</i>	HR U.S. 4,272,986 A	06/1981	Lowry et al.	73	73	
<i>AS</i>	IR U.S. 5,749,521 A	05/1998	Lattery, Jerome E.	239	64	
<i>AS</i>	JR U.S. 4,222,044 A	09/1980	Boschung, Marcel	340	581	
<i>AS</i>	KR U.S. 5,844,125 A	12/1998	Pillion, John E.	73	29.01	
<i>AS</i>	LR U.S. 5,407,492 A	04/1995	Ohmi et al.	148	287	
<i>AS</i>	MR U.S. 4,869,301 A	09/1989	Ohmi et al.	141	85	
<i>AS</i>	NR					

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
<i>AS</i>	OR	01216551 A	08/1989	Japan	Saruwatari et al.				
<i>AS</i>	PR	03226649 A	10/1991	Japan	Takahashi et al.				
<i>AS</i>	QR	200097890A	04/2000	Japan	Hashiguchi				
<i>AS</i>	RR	4085927	03/1992	Japan	Hiroshi				
<i>AS</i>	SR	9129709	05/1997	Japan	Fumihiko				
<i>AS</i>	TR	2000216102	08/2000	Japan	Seiichi et al.				
<i>AS</i>	UR	05-099845	04/1993	Japan	Nobuo et al.				
<i>AS</i>	VR	11-183366	07/1999	Japan	Takayuki et al.				
<i>AS</i>	WR								
<i>AS</i>	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>AS</i>	YR								
<i>AS</i>	ZR								
<i>AS</i>	AAR								
<i>AS</i>	BBR								
<i>AS</i>	CCR								
<i>AS</i>	DDR								

Examiner: *Andie C. L...*

Date Considered: 08-11-05

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Client Ref.

OSP15151

## Applicant: HASEGAWA et al.

**Filing Date: October 30, 2003**

**Examiner: Estrada, M.**

Group Art Unit: 2823

Date: November 20, 2003

Page 1 of 1

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

[illegible]

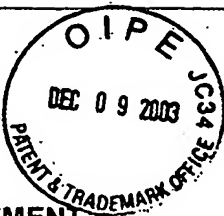
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

[illegible]

Examiner Indel Thwerson

Date Considered: 03-11-05

30418447 1.DOC



Atty. Dkt. No.	M#	Client Ref.
	0306592	OSP-15151

**INFORMATION DISCLOSURE STATEMENT  
 BY APPLICANT**

Applicant: HASEGAWA et al.	
Appln. No.: 10/696,702	
Filing Date: October 30, 2003	
Examiner: Estrada, M.	Group Art Unit: 2823

Date: December 9, 2003

Page 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>AS</i>	AR 5,241,851	09/1993	Tapp et al.	73	29.01	
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
					Enclosed	No
<i>AS</i>	OR JP 10-335249	12/1998	Japan	Hashim	X	
	PR					
	QR					
	RR					
	SR					
	TR					
	UR					
	VR					
	WR					
	XR					

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	YR					
	ZR					
	AAR					
	BBR					
	CCR					
	DDR					

Examiner *Indie C. Alvarado*

Date Considered: 03-11-05

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.